BRUHAT BENGALURU MAHANAGARA PALIKE

Name	:	Executive Engineer Byatarayanapura Division
Project Name	:	Improvements to Roads and Drains at Mariyannapalya, Munikempanna Layout, Bhuvaneshwarinagra, Dasarahalli Balance Roads and Surrounding Area in Ward No 06 Byatarayanapura Sub Division
Consultants	:	Civil Pro
Project Manager /Team Leader	:	Karthik Rechan
Project Start Date	:	30-03-22
Project End Date	:	30-03-23
Project Length in Months	:	12 Months

Sl. No	Assignment	Unit	Modified Schedule -B Qnty	Executed Qnty	% Of Work done	Start Date	End Date	No. of Working Days
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the	Cum	3069.74	3065.07	100	04-03-22	15-05-23	437
2	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and	Cum	68.04	68.04	100	14-03-22	24-06-22	102
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift.complete as per specifications and directions of the Engineer in	Cum	48.30	48.30	100	14-03-22	18-05-23	430
4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration	Cum	514.64	513.87	100	09-03-22	28-05-23	445
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compected for wall and Bottom including	Cum	1096.72	1096.66	100	19-03-22	05-06-23	443
6	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per	tonne	82.84	82.84	100	11-03-22	04-06-23	450
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.	Sqm	2389.79	2387.66	100	29-03-22	08-06-23	436
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift, transportation etc ,complete.	Sqm	162.90	162.90	100	29-03-22	08-06-23	436
9	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all	Sqm	67.24	67.24	100	29-03-22	07-07-22	100
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials,	No's	3882.00	3882.00	100	29-03-22	20-05-22	52
11	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour Complete as per specifications and directions of the Engineer in charge.	Sqm	698.68	694.60	99	13-04-22	22-06-22	70
12	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications	Cum	3700.42	3596.02	97	13-05-22	10-11-22	181
13	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge.	Sqm	9761.78	9529.78	98	18-05-22	10-11-22	176
14	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader	Cum	1464.27	1429.47	98	28-05-22	15-11-22	171
15	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in	Cum	1384.76	1384.76	100	04-06-22	20-11-22	169
16	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in	Sqm	6713.23	6713.23	100	23-05-22	25-11-22	186
17	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed	Cum	335.66	335.66	100	02-06-22	01-12-22	182

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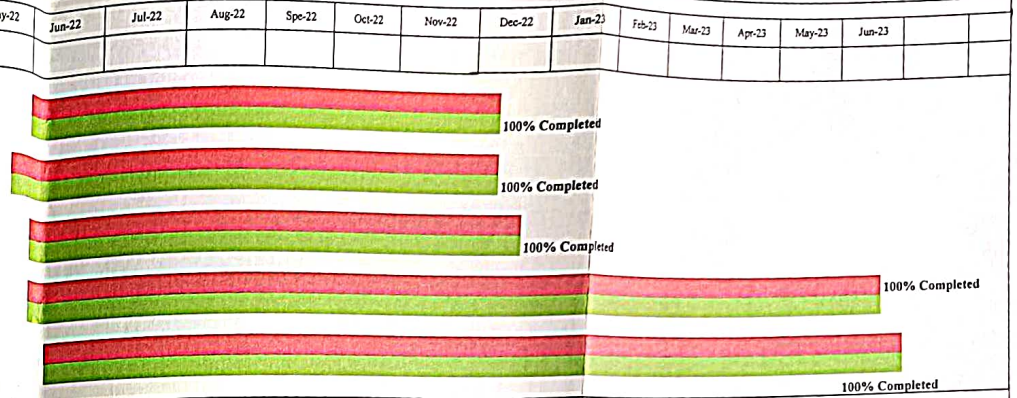
18	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and	Sqm	6713.23	6713.23	100	09-06-22	02-12-22	176
19	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem	Cum	268.53	268.53	100	28-05-22	02-12-22	188
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of	Sqm	205.64	205.64	100	07-06-22	15-12-22	191
21	Providing and Constructing dry lean cement concrete mix CC1:5:10 Base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum over a prepared sub-base coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not	Cum	425.70	425.69	100	07-06-22	17-06-23	375
22	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design	Cum	425.70	425.69	100	14-06-22	22-06-23	373



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